

CLAIMS

1 - Double-bottom tank and mixing auger for chopping animal feed, of the type that is used in agricultural installations to prepare animal feed, characterized in that the rounded bottom (2) of the body (1) of the tank has an insert (3) placed close to its centre, being this insert (3) preferably rectangular, not flat but curved, of variable thickness and having a bevel edge (4) around its perimeter that starts at the base and ends at the top face.

2 - Double-bottom tank and mixing auger for chopping animal feed, as described in the previous claim, characterized in that the insert (3) is inclined in such a way that two thirds of it rest against either side of the tank.

3 - Double-bottom tank and mixing auger for chopping animal feed, as described in the previous claims, characterized in that the mixing auger (5) includes two blades disposed at 180° that have a laminar section and variable thickness, and are placed at the shaft's geometrical centre; the reduced diameter of these blades improves the mixing process of the product whilst it is turned around, helping the mixture to move forward and significantly reducing mixing times.